

HAZARDOUS MATERIALS DATA SHEET  
(PLEASE COMPLETE APPLICABLE SECTIONS)

DPM5309

FEB 08 1982

1. PRODUCT NAME, NUMBER, SYNONYM: MOLYKOTE® M Dispersion
2. MANUFACTURER'S NAME: Dow Corning Corporation
3. MANUFACTURER'S ADDRESS: Midland, Michigan 48640
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Wipe spill with absorbent cloth.  
Use solvent if necessary
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Nothing special
6. FIRST AID TREATMENT:
  - A. SKIN CONTACT: Flush with water
  - B. EYE CONTACT: Flush with water 15 minutes. Obtain medical attention  
if necessary
  - C. INHALATION: \_\_\_\_\_
  - D. ANTIDOTE IN CASE OF SWALLOWING: \_\_\_\_\_
7. PHYSIOLOGICAL PROPERTIES:
  - A. ACUTE ORAL TOXICITY: Non-toxic
  - B. LOCAL EFFECTS UPON EYES: May cause irritation
  - C. LOCAL EFFECTS UPON SKIN: Non-toxic
  - D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): \_\_\_\_\_
  - E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Oil like odor
  - F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): \_\_\_\_\_
8. CHEMICAL AND PHYSICAL PROPERTIES:
  - A. SPECIFIC GRAVITY (WATER = 1): approx. 1.0
  - B. VAPOR DENSITY (AIR = 1): \_\_\_\_\_
  - C. VAPOR PRESSURE mm Hg AT 25°C: low
  - D. pH: \_\_\_\_\_
  - E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:  
None

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
<u>Molybdenum disulfide</u>	<u>&gt; 10</u>
<u>Metal additives</u>	<u>&gt; 10</u>
<u>Organic Oils</u>	<u>&lt; 80</u>

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Nothing special

10. RECOMMENDED PROTECTIVE EQUIPMENT: Minimum for your Company

11. A. FLASHPOINT °F: CLOSED CUP \_\_\_\_\_; OPEN CUP >200°F; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: \_\_\_\_\_

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER \_\_\_\_\_; UPPER \_\_\_\_\_

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES \_\_\_\_\_; NO X

D. FIRE POINT °F >200°F; AUTO IGNITION TEMPERATURE °F \_\_\_\_\_

E. VAPOR DENSITY \_\_\_\_\_

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? MoS<sub>2</sub>, CO<sub>2</sub>, H<sub>2</sub>O  
Metal compounds and traces of incompletely burned carbon products.

G. SUITABLE EXTINGUISHING AGENTS: CO<sub>2</sub> or Foam

12. INFORMATION FURNISHED BY: L. VanVolkinburg

TITLE: Assistant to Manager, Analytical Services

COMPANY: Dow Corning Corporation

ADDRESS: Midland, Michigan 48640

DATE: September 15, 1970

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.